

Project Title	Funding	Strategic Plan Objective	Institution
Dynamics of cortical interactions in autism spectrum disorders	\$0	Q1.L.A	Cornell University
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	\$0	Q1.L.A	Yale University
Neurophysiological investigation of language acquisition in infants at risk for ASD	\$0	Q1.L.A	Boston University
Predicting outcomes in autism with functional connectivity MRI	\$0	Q1.L.B	National Institute of Mental Health
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$0	Q1.L.C	Columbia University
Language learning in autism	\$0	Q1.L.C	Georgetown University
Prosodic and pragmatic processes in highly verbal children with autism	\$0	Q1.L.C	President & Fellows of Harvard College
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	\$0	Q1.S.A	Kennedy Krieger Institute
Dissemination of multi-stage screening to underserved culturally-diverse families	\$0	Q1.S.C	University of Massachusetts, Boston
Investigation of the link between early brain enlargement and abnormal functional connectivity in autism spectrum disorders	\$0	Q2.L.A	University of Washington
Autism spectrum disorders and the visual analysis of human motion	\$0	Q2.Other	Rutgers, The State University of New Jersey
Regulation of synaptogenesis by cyclin-dependent kinase 5	\$0	Q2.Other	Massachusetts Institute of Technology
Investigating brain organization and activation in autism at the whole-brain level	\$0	Q2.Other	California Institute of Technology
Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	\$0	Q2.Other	Hospital Riviere-des-Praires, University of Montreal, Canada
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	\$0	Q2.Other	University of Pittsburgh
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	\$0	Q2.Other	Johns Hopkins University
Development of a connectomic functional brain imaging endophenotype of autism	\$0	Q2.Other	University of Cambridge
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$0	Q2.Other	University of New South Wales
Head-fixed recording of sensory learning in mouse autism models	\$0	Q2.Other	Princeton University
Transcriptional responsiveness in lymphoblastoid cell lines	\$0	Q2.Other	University of Pennsylvania
The role of CNTNAP2 in embryonic neural stem cell regulation	\$0	Q2.Other	Johns Hopkins University School of Medicine
Functional analysis of neuroligin IV in Drosophila	\$0	Q2.Other	University of California, Los Angeles

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Early expression of autism spectrum disorder in experimental animals	\$0	Q2.Other	Neurochlore
Eye movement dynamics in autism spectrum disorders	\$0	Q2.Other	Carnegie Mellon University
Neural mechanisms underlying an extended multisensory temporal binding window in ASD	\$0	Q2.Other	Vanderbilt University
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$0	Q2.Other	University of North Carolina at Chapel Hill
Social behavior deficits in autism: Role of amygdala	\$0	Q2.Other	State University of New York Upstate Medical Center
PI3K/mTOR signaling as a novel biomarker and therapeutic target in autism	\$0	Q2.Other	Emory University
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$0	Q2.Other	Carnegie Mellon University
Deciphering the function and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
Macrocephalic autism: Exploring and exploiting the role of PTEN	\$0	Q2.Other	University of Wisconsin - Madison
Development of brain connectivity in autism	\$0	Q2.Other	New York School of Medicine
Preference acquisition in children and adolescents with and without autism spectrum disorder	\$0	Q2.Other	Dalhousie University
Stimulus-driven attention deficits in autism	\$0	Q2.Other	University of Minnesota
Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism	\$0	Q2.S.A	University of Medicine & Dentistry of New Jersey
Exploring metabolic dysfunction in the brains of people with autism	\$0	Q2.S.A	George Washington University
A non-human primate autism model based on maternal infection	\$0	Q2.S.A	California Institute of Technology
Convergence of immune and genetic signaling pathways in autism and schizophrenia	\$0	Q2.S.A	University of California, Davis
A sex-specific dissection of autism genetics	\$0	Q2.S.B	University of California, San Francisco
Studying Rett and Fragile X syndrome in human ES cells using TALEN technology	\$0	Q2.S.D	Whitehead Institute for Biomedical Research
In-vivo imaging of neuronal structure and function in a reversible mouse model for autism.	\$0	Q2.S.D	Baylor College of Medicine
Coordinated control of synapse development by autism-linked genes	\$0	Q2.S.D	University of Texas Southwestern Medical Center
Genetic rescue of fragile X syndrome in mice by targeted deletion of PIKE	\$0	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Identification of targets for the neuronal E3 ubiquitin ligase PAM	\$0	Q2.S.D	Massachusetts General Hospital

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Probing a monogenic form of autism from molecules to behavior	\$0	Q2.S.D	Stanford University
A stem cell based platform for identification of common defects in autism spectrum disorders	\$0	Q2.S.D	The Scripps Research Institute - California
Salivary melatonin as a biomarker for response to sleep interventions in children with autism	\$0	Q2.S.E	University of Colorado Denver
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$0	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
Single-unit recordings from the amygdala in people with autism	\$0	Q2.S.E	California Institute of Technology
Social cognition in 22q11.2 deletion syndrom (DS) adolescents with ASD vs. without ASD: Imaging and genetic correlates	\$0	Q2.S.G	State University of New York Upstate Medical Center
Simons Variation in Individual Project (Simons VIP) Core Leader Gift	\$0	Q2.S.G	Boston Children's Hospital
Simons Variation in Individuals Project (Simons VIP) Core Leader Gift	\$0	Q2.S.G	University of California, San Francisco
Language processing in children with 22q11 deletion syndrome and autism	\$0	Q2.S.G	Emory University
Simons Simplex Collection Site	\$0	Q3.L.B	Columbia University
Genetic basis of autism	\$0	Q3.L.B	Cold Spring Harbor Laboratory
Simons Simplex Collection Site	\$0	Q3.L.B	Emory University
Simons Simplex Collection Site	\$0	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection Site	\$0	Q3.L.B	University of Missouri
Simons Simplex Collection Site	\$0	Q3.L.B	Baylor College of Medicine
Simons Foundation Simplex Project Collection Site	\$0	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection Site	\$0	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection Site	\$0	Q3.L.B	Vanderbilt University
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	\$0	Q3.L.B	Massachusetts General Hospital and Harvard University
Linking autism and congenital cerebellar malformations	\$0	Q3.L.B	University of Chicago
Autism Genome Project (AGP) Core Consortium	\$0	Q3.L.B	Nationwide Children's Hospital
Autism Genome Project (AGP) Core Consortium	\$0	Q3.L.B	University of Pittsburgh
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$0	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
Genomic influences on development and outcomes in Infants at risk of ASD	\$0	Q3.S.A	University of Alberta

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Genome-wide expression profiling data analysis to study autism genetic models	\$0	Q3.S.A	University of California, Los Angeles
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	\$0	Q3.S.C	Yale University
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester
Evaluation of the immune and physiologic response in children with autism following immune challenge	\$0	Q3.S.E	University of California, Davis
Research project about a potential infectious origin of autism	\$0	Q3.S.E	Institut de Recherche Luc Montagnier
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	\$0	Q3.S.J	King's College London
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	\$0	Q3.S.K	Universita Campus Bio-Medico di Roma
A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism	\$0	Q4.L.A	Holland Bloorview Kids Rehabilitation Hospital
Expanding the reach of toddler treatment in autism	\$0	Q4.L.D	University of California, Davis
Effectiveness of reciprocal imitation training for adolescents with low-functioning autism	\$0	Q4.L.D	Michigan State University
Cognitive behavioral therapy for core autism symptoms in school-age children	\$0	Q4.L.D	University of California, Los Angeles
Pivotal response group treatment for parents of young children with autism	\$0	Q4.L.D	Stanford University
The effectiveness of an evidence-based parent training intervention in a community service setting	\$0	Q4.L.D	University of California, San Diego
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$0	Q4.L.D	University of California, Los Angeles
Exploration of resting-state network dynamics in autism spectrum disorders	\$0	Q4.Other	Harvard University
Shank3 mutant characterization in vivo	\$0	Q4.S.B	University of Texas Southwestern Medical Center
Developing a new model system to study mechanisms of attention control	\$0	Q4.S.B	Stanford University
Integrated approach to the neurobiology of autism spectrum disorders	\$0	Q4.S.B	Yale University
Neural and cognitive mechanisms of autism	\$0	Q4.S.B	Massachusetts Institute of Technology
A mouse model for human chromosome 7q11.23 duplication syndrome	\$0	Q4.S.B	University of Toronto

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The role of SHANK3 in autism spectrum disorders	\$0	Q4.S.B	Mount Sinai School of Medicine
Using zebrafish and chemical screening to define function of autism genes	\$0	Q4.S.B	Whitehead Institute for Biomedical Research
Genomic imbalances at the 22q11 locus and predisposition to autism	\$0	Q4.S.B	Columbia University
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	\$0	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	\$0	Q4.S.B	Duke University
Cellular and molecular pathways of cortical afferentation in autism spectrum disorders	\$0	Q4.S.B	University of Geneva
Behavioral and psycho-physiological study of attentional, perceptual, and emotional processing after treatment with ambient prism lenses and visuo-motor exercises in children with autism spectrum disorder	\$0	Q4.S.C	University of Louisville
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$0	Q4.S.C	Thomas Jefferson University
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	\$0	Q4.S.C	Kennedy Krieger Institute
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	\$0	Q4.S.C	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$0	Q4.S.D	University of California, Davis
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	\$0	Q4.S.F	San Francisco State University
The use of non-invasive brain stimulation to improve social relating in autism spectrum disorders	\$0	Q4.S.F	Monash University
Developmental and augmented intervention for facilitating expressive language	\$0	Q4.S.G	University of California, Los Angeles
Transitions from augmentative or alternative communication (AAC) to speech: A pilot investigation	\$0	Q4.S.G	University of Kansas
Comparing AMMT vs. Control Therapy in facilitating speech output in nonverbal children with autism	\$0	Q4.S.G	Beth Israel Deaconess Medical Center
A novel parent directed intervention to enhance language development in nonverbal children with ASD	\$0	Q4.S.G	University of California, Los Angeles
Visualizing voice	\$0	Q4.S.G	University of Illinois at Urbana Champaign
Making words meet: Using computerized feedback to facilitate word combinations in children with ASD	\$0	Q4.S.G	University of Illinois at Urbana Champaign
Applying participatory design to develop technology (ITA Course)	\$0	Q5.L.A	University of Haifa

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Using an internet-based program to teach a naturalistic intervention to parents of children with ASD	\$0	Q5.L.C	Michigan State University
Transitioning Together: An intervention program for adolescents with ASD and their families	\$0	Q5.Other	Waisman Center
Social-pragmatic treatment for adults with autism spectrum disorder: The Interview Skills Curriculum	\$0	Q6.L.A	Florida State University
Estimating the economic costs of autism	\$0	Q6.L.D	London School of Economics
Estimating the economic costs of autism	\$0	Q6.L.D	University of Pennsylvania
Why do people with autism spectrum disorders fare so differently in adult life?	\$0	Q6.S.A	King's College London
Development and refinement of diagnostic instruments for use with adults with ASD	\$0	Q6.S.C	University of Michigan
A centralized standard database for the Baby Siblings Research Consortium	\$0	Q7.C	University of California, Davis
Interactive Autism Network (IAN) core support	\$0	Q7.C	Kennedy Krieger Institute
Ethics of communicating scientific findings on autism risk	\$0	Q7.E	Drexel University School of Public Health
ARTI: The Autism Research & Training Initiative in India	\$0	Q7.J	Sangath
Epidemiological study of pervasive developmental disorders in Mexico	\$0	Q7.J	McGill University
Infrastructure support for autism research at MIT	\$0	Q7.K	Massachusetts Institute of Technology
Autism Treatment Network (ATN) 2011- Glenrose Rehabilitation Hospital	\$0	Q7.N	University of Alberta
Autism Treatment Network (ATN) 2011- Columbia University	\$0	Q7.N	Columbia University
Autism Treatment Network (ATN) 2011- BCM/TCH	\$0	Q7.N	Baylor College of Medicine
Autism Treatment Network (ATN) 2011- University of Colorado Denver	\$0	Q7.N	Children's Hospital Colorado
Autism Treatment Network (ATN) 2011 - Cincinnati Children's Hospital Medical	\$0	Q7.N	Cincinnati Children's Hospital Medical Center
Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	\$0	Q7.N	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- University of Rochester	\$0	Q7.N	University of Rochester
Autism Treatment Network (ATN) 2011- Vanderbilt University	\$0	Q7.N	Vanderbilt University
Autism Treatment Network (ATN) 2011- Arkansas	\$0	Q7.N	University of Arkansas for Medical Sciences
Autism Treatment Network (ATN) 2011-Toronto Consortium	\$0	Q7.N	Holland Bloorview Kids Rehabilitation Hospital

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Autism Treatment Network (ATN) 2011- MGH/LADDERS	\$0	Q7.N	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$0	Q7.N	University of Pittsburgh
Autism Treatment Network (ATN) 2011- Nationwide Children's Hospital	\$0	Q7.N	Nationwide Children's Hospital
Autism Treatment Network (ATN) 2011- OHSU	\$0	Q7.N	Oregon Health & Science University
Autism Treatment Network (ATN) 2011 - MGH Clinical Coordinating Center	\$0	Q7.N	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011- University of Missouri	\$0	Q7.N	University of Missouri
Autism Treatment Network (ATN) 2011- KKI	\$0	Q7.N	Kennedy Krieger Institute
Autism Treatment Network (ATN) 2011- CHOP	\$0	Q7.N	Children's Hospital of Philadelphia
Simons Simplex Collection support grant	\$1,430	Q3.L.B	Columbia University
Increasing independence and task completion in adolescents and adults with ASD using independent work systems	\$3,025	Q6.L.A	University of North Carolina at Chapel Hill
3 Tesla 31Phosphorus magnetic resonance spectroscopy in disorder with abnormal bioenergetics	\$3,250	Q2.Other	Massachusetts General Hospital
Multi-registry analyses for iCARE - Denmark	\$4,478	Q3.S.H	Aarhus University
Occurrence and family impact of elopement in children with ASD	\$5,000	Q5.S.D	Kennedy Krieger Institute
Engineering and Autism Workshop	\$5,000	Q7.K	University of Southern California
Teaching children with autism to deal with jealousy constructively	\$5,830	Q4.L.D	Center for Autism and Related Disorders (CARD)
Multi-registry analyses for iCARE - Finland	\$6,980	Q3.S.H	Turku University
To study the relationship between low GAD2 levels and anti-GAD antibodies in autistic children	\$7,260	Q2.S.A	Hartwick College
Peer-mediated interventions for elementary school students with autism spectrum disorders	\$8,194	Q4.L.D	University of Colorado Denver
Urokinase-type plasminogen activator plasma concentration and its relationship to hepatocyte growth factor (HGF) and GABA levels in autistic children	\$8,505	Q2.Other	Hartwick College
Multi-registry analyses for iCARE - Israel	\$8,980	Q3.S.H	The Gertner Institute of Epidemiology and Health Policy Research
Outcomes of a community center-based program for toddlers with autism spectrum disorders	\$9,120	Q4.L.D	University of North Carolina at Chapel Hill
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	\$10,000	Q1.L.B	New England Center for Children
A preliminary investigation of the neurobehavioral basis of sensory behavior in autism	\$10,000	Q2.Other	Kennedy Krieger Institute

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Autism Genome Project (AGP)	\$10,000	Q3.L.B	Autism Speaks (AS)
Evaluation of synchronous online parent skill training	\$10,000	Q4.L.D	The Research Foundation of the State University of New York
Identifying socially-based reinforcers for young children with ASD	\$10,000	Q4.Other	University of Miami
Electrophysiological and behavioral outcomes of Auditory Integration Training (AIT) in autism	\$10,000	Q4.S.C	University of Louisville
Increasing functional vocational skills in adolescents and adults with autism using behavioral economics	\$10,000	Q6.L.A	Rutgers, The State University of New Jersey
Banbury Center Conference	\$10,000	Q7.K	Cold Spring Harbor Laboratory
Nav1.1 channels, neural circuits, and autism	\$10,213	Q2.S.D	University of Washington
Establishing compliance with dental procedures in children with ASD	\$10,832	Q5.L.E	Center for Autism and Related Disorders (CARD)
Multi-registry analyses for iCARE- Sweden	\$11,462	Q3.S.H	Karolinska Institutet
Multi-registry analyses for iCARE - Norway	\$11,462	Q3.S.H	Norwegian Institute of Public Health
Teaching children with autism to identify others' knowledge	\$11,660	Q4.L.D	Center for Autism and Related Disorders (CARD)
The neural basis of weak central coherence in autism spectrum disorders	\$13,040	Q2.Other	Yale University
Behavioral and neural responses to emotional faces in individuals with ASD	\$14,935	Q2.Other	Harvard University
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$15,000	Q1.L.A	Harvard University
The effects of the Hane Face Window© on perceptual processing of children with autism spectrum disorders (ASD)	\$16,300	Q4.S.C	University of Minnesota
Multi-registry analyses for iCARE - Data Management Core	\$16,907	Q3.S.H	Columbia University
Teaching children with ASD to tell socially appropriate "white lies"	\$18,078	Q4.Other	Center for Autism and Related Disorders (CARD)
Development of a transportation skills assessment tool for individuals with ASD to aid in finding safe and accessible community transportation services	\$18,221	Q6.L.A	Rutgers, The State University of New Jersey
Brain mitochondrial abnormalities in autism	\$20,000	Q2.S.A	New York State Institute for Basic Research in Developmental Disabilities
Elevated urinary P-cresol in small autistic children: Origin and consequences	\$20,000	Q3.S.I	Universita Campus Bio-Medico di Roma
Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders	\$20,000	Q4.L.D	Texas State University
Increasing variability of verbal initiations through the responses of conversation patterns	\$20,000	Q4.Other	Texas Christian University

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Randomized clinical trial of mind reading and in vivo rehearsal for children with HFASDs	\$20,000	Q4.S.F	Canisius College
Growing Up Aware: A parent-based sexuality intervention for children with autism spectrum disorders	\$20,000	Q4.S.H	Columbia University
Training paraprofessionals to provide appropriate social opportunities for children with ASD	\$20,000	Q5.L.C	University of California, Santa Barbara
Identifying disparities in access to treatment for young children with autism	\$20,000	Q5.S.A	University of Chicago
Creating a more effective path to housing for people with ASD	\$20,000	Q6.Other	Westchester Institute for Human Development
Health-related quality of life and its determinants in adults with ASD	\$20,000	Q6.S.A	University of Mississippi
A genome-wide search for autism genes in the SSC Baylor	\$20,344	Q3.L.B	Baylor College of Medicine
Predictive factors of participation in employment for high school leavers with autism	\$24,622	Q6.S.A	Columbia University
Teaching children with autism to detect deception	\$24,904	Q4.L.D	Center for Autism and Related Disorders (CARD)
Using high definition fiber tracking to define developmental neurobiologic mechanisms & a neural basis for behavioral heterogeneity	\$25,000	Q2.Other	Carnegie Mellon University
Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system	\$25,000	Q2.Other	Columbia University
Metabolic factors affecting gamma synchrony	\$25,000	Q4.S.C	University of Louisville
Response interruption and redirection for stereotypy	\$25,000	Q5.L.A	Center for Autism and Related Disorders (CARD)
Teaching stranger safety skills to children with autism	\$25,000	Q5.L.D	Center for Autism and Related Disorders (CARD)
Survey of services needs of adults with ASD	\$25,000	Q6.S.A	Kennedy Krieger Institute
Meeting grant - International Meeting for Autism Research (IMFAR)	\$25,000	Q7.K	International Meeting for Autism Research (IMFAR)
Regressive autism as an infectious disease: Role of the home as an environmental factor	\$25,064	Q3.S.I	VA Medical Center, Los Angeles
Anxiety treatment for children with autism and intellectual disability	\$26,040	Q4.S.A	University of California, Los Angeles
Enhancing neurobehavioural and clinical definitions in autism spectrum disorders	\$28,000	Q2.Other	Monash University
Electrophysiologic biomarkers of language function in autism spectrum disorders	\$28,600	Q2.L.B	University of California, Los Angeles
Thalamocortical connectivity in children and adolescents with ASD-A combined fMRI and DTI approach	\$28,600	Q2.Other	San Diego State University
Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$28,600	Q2.Other	University of California, San Diego
Spatial attention in autism spectrum disorders	\$28,600	Q2.Other	New York University

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IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	\$28,600	Q2.S.A	University of California, Davis
Why are autistic females rare and severe? An approach to autism gene identification.	\$28,600	Q2.S.B	Johns Hopkins University
Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	\$28,600	Q4.S.B	Vanderbilt University
Learning in autism spectrum disorders	\$28,902	Q2.Other	University of California, Davis
Teaching children with autism to identify social saliency: Shifting attention	\$29,150	Q4.L.D	Center for Autism and Related Disorders (CARD)
Evaluation of the effects of web-based support on teacher self-efficacy	\$29,150	Q5.L.A	Center for Autism and Related Disorders (CARD)
Improving maintenance procedures in early intensive behavioral intervention (EIBI)	\$29,150	Q5.L.C	Center for Autism and Related Disorders (CARD)
Teaching children with autism to respond to subtle social cues: Desires	\$29,151	Q4.L.D	Center for Autism and Related Disorders (CARD)
Neuropeptide regulation of juvenile social behaviors	\$29,550	Q2.Other	Boston College
Simons Simplex Collection support grant	\$29,752	Q3.L.B	University of Washington
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	\$30,000	Q1.L.A	University of Pittsburgh
Neural correlates of social perception in autism	\$30,000	Q1.L.C	Yale Child Study Center
Neural underpinning of emotion perception and its disorders	\$30,000	Q2.Other	Dartmouth College
Abnormal connectivity in autism	\$30,000	Q2.Other	University of California, Los Angeles
Autism spectrum disorders –inflammatory subtype: Molecular characterization	\$30,000	Q2.S.A	University of Medicine & Dentistry of New Jersey
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Yale University
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Vanderbilt University Medical Center
Dissecting expression regulation of an autism GWAS hit	\$30,000	Q3.L.B	University of California, San Francisco
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Boston Children's Hospital
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of Missouri
The role of serotonin in social bonding in animal models	\$30,000	Q3.S.K	University of California, Davis
Gender and cognitive profile as predictors of functional outcomes in school-aged children with ASD	\$30,000	Q4.S.F	Emory University Marcus Autism Center
Simons Simplex Collection support grant	\$30,040	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital

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Simons Simplex Collection support grant	\$30,682	Q3.L.B	Emory University
Simons Simplex Collection support grant	\$34,200	Q3.L.B	Weill Cornell Medical College
Identifying early biomarkers for autism using EEG connectivity	\$40,000	Q1.L.A	Boston Children's Hospital
Examining connectivity patterns of brain networks participating in social cognition in ASD	\$40,000	Q2.Other	San Diego State University
Evaluating epidemiological and biostatistical challenges in the EARLI investigation	\$40,000	Q3.L.A	Drexel University
Effects of active motor & social training on developmental trajectories in infants at high risk for ASD	\$40,000	Q4.Other	Kennedy Krieger Institute
Role of astrocytic glutamate transporter GLT1 in fragile X	\$40,000	Q4.S.B	Tufts University
Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	\$40,000	Q4.S.B	Stanford University School of Medicine
Teaching children with autism self-monitoring skills	\$40,811	Q4.L.D	Center for Autism and Related Disorders (CARD)
Increasing flexibility in children with autism	\$40,811	Q4.L.D	Center for Autism and Related Disorders (CARD)
The effects of behavioral intervention on neurological measures of working memory	\$40,811	Q4.S.F	Center for Autism and Related Disorders (CARD)
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	\$43,198	Q1.Other	Medical University of South Carolina
Simons Simplex Collection Site	\$44,598	Q3.L.B	The Research Institute of the McGill University Health Centre
ASD prevalence by DSM-IV and DSM-5: Total population study	\$44,660	Q1.Other	Nathan Kline Institute
Roles of miRNAs in regulation of Foxp2 and in autism	\$45,000	Q2.Other	Louisiana State University
Role of negative regulators of FGF signaling in frontal cortex development and autism	\$45,000	Q2.Other	University of California, San Francisco
Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	\$45,000	Q2.S.E	University of Pennsylvania
Paternal age and epigenetic mechanisms in psychiatric disease	\$45,000	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
Impact of an autism associated mutation in DACT1 on brain development and behavior	\$45,000	Q4.S.B	University of California, San Francisco
Adverse prenatal environment and altered social and anxiety-related behaviors	\$45,000	Q4.S.B	University of Pennsylvania
Understanding the etiological significance of attentional disengagement in infants at-risk for ASD	\$46,000	Q2.L.A	Boston Children's Hospital
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$47,041	Q4.S.B	Massachusetts Institute of Technology

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GABAergic dysfunction in autism	\$48,000	Q2.Other	Johns Hopkins University
Behavioral and neural underpinnings of learning in autism predict response to intervention	\$48,000	Q4.S.F	Weill Cornell Medical College
A genome-wide search for autism genes in the SSC UIC	\$48,419	Q3.L.B	University of Illinois at Chicago
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$48,500	Q4.S.B	University of North Carolina at Chapel Hill
Improved early detection of autism using novel statistical methodology	\$49,880	Q1.L.B	Yale University
Family/genetic study of autism	\$50,000	Q1.L.A	Southwest Autism Research & Resource Center (SARRC)
Intelligent data capture and assessment technology for developmental disabilities	\$50,000	Q1.S.A	Caring Technologies/Southwestern Autism Research & Resource Center (SARRC)
Validation of a screening questionnaire for ASD in older children	\$50,000	Q1.S.A	Southwest Autism Research & Resource Center (SARRC)
Baby Siblings Research Consortium	\$50,000	Q1.S.B	Autism Speaks (AS)
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$50,000	Q2.Other	University of California, San Francisco
Role of microglial activation in the serotonergic and neuroimmune disturbances underlying autism	\$50,000	Q2.S.A	Hamamatsu University School of Medicine
A genome-wide search for autism genes in the SSC Brown	\$50,000	Q3.L.B	Brown University
Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$50,000	Q3.L.B	The Hospital for Sick Children
A genome-wide search for autism genes in the SSC Pittsburgh	\$50,000	Q3.L.B	University of Pittsburgh
A genome-wide search for autism genes in the SSC CHB	\$50,000	Q3.L.B	Boston Children's Hospital
Desensitization techniques for difficult behaviors	\$50,000	Q4.Other	Southwest Autism Research & Resource Center (SARRC)
Remote parent training project	\$50,000	Q5.L.A	Southwest Autism Research & Resource Center (SARRC)
Social and occupational outcomes for adults with ASD	\$50,000	Q6.Other	Mayo Clinic
Identifying genetic variants on the Y chromosome of males with autism	\$50,555	Q3.L.B	The Hospital for Sick Children
Attention & word learning in children with ASD- Translating experimental findings into intervention	\$50,600	Q2.Other	Women & Infants Hospital
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$50,600	Q4.L.A	Stanford University
Local functional connectivity in ASD	\$50,811	Q2.L.B	Massachusetts General Hospital
KwaZulu-Natal (KZN) Autism Study	\$51,000	Q7.J	University of KwaZulu-Natal

Project Title	Funding	Strategic Plan Objective	Institution
ERK signaling in autism associated with copy number variation of 16p11.2	\$51,290	Q2.Other	Case Western Reserve University
Simons Simplex Collection Site	\$51,656	Q3.L.B	Boston Children's Hospital
Brain electrophysiology of interactive social stimuli	\$52,984	Q2.Other	Yale University
Factors influencing early associative learning as a precursor to social behavior heterogeneity	\$53,000	Q2.S.G	University of Southern California
Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$53,500	Q2.Other	Stanford University
High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	\$54,500	Q2.Other	Weill Cornell Medical College
Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	\$55,170	Q2.Other	Washington University in St. Louis
Understanding the brain basis of impaired imitation learning in autism	\$55,200	Q2.Other	Kennedy Krieger Institute
Single-unit recordings in neurosurgical patients with autism	\$55,200	Q2.S.E	California Institute of Technology
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$55,200	Q4.S.B	Baylor College of Medicine
Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	\$56,000	Q2.Other	University of Colorado Denver
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	\$56,000	Q2.S.D	University of North Carolina at Chapel Hill
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$56,900	Q4.S.B	University of Texas Southwestern Medical Center
Characterizing the regulatory pathways and regulation of AUTS2	\$57,964	Q2.Other	University of California, San Francisco
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$58,000	Q4.S.B	University of California, Los Angeles
Emergent communication skills of nonverbal children with autism facilitated by relational responding	\$58,094	Q4.S.G	Swansea University
Design and evaluation of a motion-sensing computer program for teaching children with autism	\$58,301	Q4.L.D	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building behavior intervention plans	\$58,301	Q5.L.A	Center for Autism and Related Disorders (CARD)
Measuring imitation and motor control in severe autism	\$59,256	Q1.L.C	University of Washington
Examining vocational services for adults with autism	\$59,345	Q6.S.A	University of Calgary
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$59,443	Q1.S.B	The Children's Hospital of Philadelphia
Subependymal zone function in autism spectrum disorders	\$59,560	Q2.Other	University of Oxford
Role of major vault protein in autism	\$59,972	Q2.Other	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
A non-interactive method for teaching noun and verb meanings to young children with ASD	\$59,986	Q4.Other	Boston University
Hybrid social communication intervention for children with ASD: Sibling mediation and video modeling	\$59,998	Q4.Other	Portland State University
ERK signaling and autism: Biomarker development	\$60,000	Q1.L.B	University of California, San Francisco
Autism and the RASopathies	\$60,000	Q1.S.B	University of California, San Francisco
Perturbed cortical patterning in autism	\$60,000	Q2.Other	Seattle Children's Hospital
Multisensory processing in autism	\$60,000	Q2.Other	Baylor College of Medicine
Investigation of social brain circuits and fever-evoked response in 16p11.2 mice	\$60,000	Q2.Other	Cold Spring Harbor Laboratory
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$60,000	Q2.Other	University of California, San Francisco
Behavioral and cognitive characteristics of females and males with autism	\$60,000	Q2.S.B	Cleveland Clinic Foundation
The role of genetics in communication deficits in autism spectrum disorders	\$60,000	Q2.S.D	University of Pennsylvania
TMLHE deficiency and a carnitine hypothesis for autism	\$60,000	Q2.S.D	Baylor College of Medicine
Underlying mechanisms in a cerebellum-dependent model of autism	\$60,000	Q2.S.D	Harvard Medical School
Regulation of cortical critical periods in a mouse model of autism	\$60,000	Q2.S.D	Northwestern University
Physiological studies in a human stem cell model of 15q duplication syndrome	\$60,000	Q2.S.D	University of Connecticut
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	\$60,000	Q2.S.D	University of North Carolina at Chapel Hill
Understanding the basic neurobiology of Pitt-Hopkins syndrome	\$60,000	Q2.S.D	The University of Alabama at Birmingham
Autism Genome Project Consortium data reanalysis using computational biostatistics	\$60,000	Q3.L.B	The Rockefeller University
5-Hydroxymethylcytosine-mediated epigenetic regulation in autism spectrum disorders	\$60,000	Q3.S.J	Emory University
Genome-wide analyses of DNA methylation in autism	\$60,000	Q3.S.J	Massachusetts General Hospital
Genetic and environmental interactions leading to autism-like symptoms	\$60,000	Q3.S.K	The Rockefeller University
Temporally controlled genetic rescue of Shank3 autism model	\$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Establishing next-generation tools for quantitative behavioral phenotyping	\$60,000	Q4.S.B	Harvard Medical School
Embodied rhythm interventions for children with autism spectrum disorders	\$60,000	Q4.S.C	University of Connecticut

Project Title	Funding	Strategic Plan Objective	Institution
Economic burden of current and future autism	\$60,000	Q6.L.D	University of California, Davis
Role of microglia and complement at developing synapses in ASD	\$60,001	Q2.S.A	Boston Children's Hospital
Direct recording from autism brains	\$60,074	Q2.S.E	California Institute of Technology
Extracellular signal-related kinase biomarker development in autism	\$60,889	Q1.L.B	Cincinnati Children's Hospital Medical Center - Research Foundation
The mechanism of mutations in heterochromatin related genes in ASD	\$61,625	Q3.S.J	Hebrew University of Jerusalem
Genetic investigations of motor stereotypies	\$62,136	Q2.S.G	Yale University
Functional analysis of patient mutations in EPHB2, an ASD candidate gene- Core	\$62,475	Q2.Other	McLean Hospital
Social interaction and reward in autism: Possible role for ventral tegmental area	\$62,496	Q2.Other	University of Geneva
Molecular signatures of autism genes and the 16p11.2 deletion	\$62,500	Q2.Other	Massachusetts General Hospital
Local connectivity in altered excitation/inhibition balance states	\$62,500	Q2.Other	Weizmann Institute of Science
Genetic model to study the ASD-associated gene A2BP1 and its target PAC1	\$62,500	Q2.Other	Weizmann Institute of Science
Endosomal NHE6 in long-range connectivity and autism	\$62,500	Q2.Other	Brown University
Probing the neural basis of social behavior in mice	\$62,500	Q2.S.D	Massachusetts Institute of Technology
Upper motor neuron plasticity in the MeCP2-duplication syndrome of autism	\$62,500	Q2.S.D	Baylor College of Medicine
Comprehensive phenotypic characterization of the 17q12 deletion syndrome	\$62,500	Q2.S.G	Weis Center for Research - Geisinger Clinic
Perinatal choline supplementation as a treatment for autism	\$62,500	Q4.S.B	Boston University
A probiotic therapy for autism	\$62,500	Q4.S.B	California Institute of Technology
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	\$62,500	Q4.S.C	University of California, San Francisco
Randomized phase 2 trial of RAD001 (an mTOR inhibitor) in patients with tuberous sclerosis complex	\$65,000	Q4.L.A	Boston Children's Hospital
Hyperthermia and the amelioration of autism symptoms	\$66,153	Q2.S.A	Montefiore Medical Center
Identification and analysis of ASD patients with PI3K/mTOR signalopathies	\$66,500	Q2.Other	Emory University
Treatment of children with ASD and epileptiform EEG with divalproex sodium	\$68,088	Q4.S.A	Boston Children's Hospital
Multi-registry analyses for iCARE- West Australia	\$69,485	Q3.S.H	University of Western Australia
Cryptic chromosomal aberrations contributing to autism	\$70,524	Q3.L.B	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
A genome-wide search for autism genes in the SSC Emory	\$72,524	Q3.L.B	Emory University
Early intervention in an underserved population	\$73,219	Q4.L.D	University of Michigan
Mobilized technology for rapid screening and clinical prioritization of ASD	\$73,456	Q1.S.B	Harvard Medical School
Simons Variation in Individuals Project (Simons VIP) Principal Investigator Gift	\$73,534	Q2.S.G	Columbia University
Evaluation of a melanocortin agonist to improve social cognition in ASD.	\$74,675	Q4.L.A	University of Sydney
Looking at autism through the nose	\$75,000	Q1.L.C	Weizmann Institute of Science
Role of intracellular mGluR5 in fragile X syndrome and autism	\$75,000	Q2.S.D	Washington University in St. Louis
Quantitative proteomic approach towards understanding and treating autism	\$75,000	Q2.S.D	Emory University
Simons Simplex Collection Site	\$75,000	Q3.L.B	University of Washington
UC Davis Center for Children's Environmental Health (CCEH) Bridge	\$75,000	Q3.S.F	University of California, Davis
Role of UBE3A in neocortical plasticity and function	\$77,686	Q4.S.B	University of North Carolina at Chapel Hill
Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	\$79,525	Q4.S.B	Universidad Miguel Hernandez
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$79,584	Q4.S.B	University of California, Los Angeles
Epigenetic DNA modifications in autistic spectrum disorders	\$81,811	Q3.S.J	Johns Hopkins University School of Medicine
Autism, GI symptoms and the enteric microbiota	\$87,642	Q3.S.I	The Research Foundation of the State University of New York at Stony Brook
A multidimensional database for the Simons Simplex Collection	\$88,188	Q7.Other	Univeristy of California, Los Angeles
Role of Caspr2 (CNTNAP2) in brain circuits- Core	\$89,999	Q4.S.B	Weizmann Institute of Science
Building awareness of the value of brain tissue donation for autism research	\$90,120	Q2.S.C	Autism Science Foundation
The effects of disturbed sleep on sleep-dependent memory consolidation and daily function in individuals with ASD	\$90,480	Q2.S.E	Beth Israel Deaconess Medical Center
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	\$92,469	Q4.L.A	Stanford University
Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders	\$94,242	Q4.L.C	Indiana University
Neural mechanisms underlying autism behaviors in SCN1A mutant mice	\$94,903	Q2.S.D	University of Washington
Simons Simplex Collection Site	\$96,641	Q3.L.B	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	\$98,087	Q2.S.G	Weis Center for Research - Geisinger Clinic
Screening, diagnosis and parent training for young children with ASD in Albania	\$99,960	Q5.L.A	University of Connecticut
A genome-wide search for autism genes in the SSC UCLA	\$100,000	Q3.L.B	University of California, Los Angeles
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$100,000	Q3.S.B	University of Texas Health Science Center at San Antonio
5-hydroxymethylcytosine-mediated epigenetic regulation in autism	\$100,000	Q3.S.J	Emory University
Prosodic and pragmatic training in highly verbal children with autism	\$100,000	Q4.Other	Harvard University
Tuning anxiety out: Exploring the potential of noise cancellation in ASD sound sensitivity	\$100,000	Q4.S.C	Brunel University
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	\$100,000	Q4.S.D	Johns Hopkins University
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$100,000	Q4.S.F	University of Pittsburgh
Increasing autism awareness in Ethiopia: The HEAT+ project	\$100,000	Q5.L.A	The Open University
Improving educational identification in rural communities	\$100,000	Q5.L.C	University of Colorado Denver
Accelerating Autism Research through the Interactive Autism Network (IAN Core)	\$100,000	Q7.C	Kennedy Krieger Institute
International Meeting for Autism Research (IMFAR) Support	\$100,000	Q7.K	International Society for Autism Research
Rat knockout models of ASD	\$100,441	Q4.S.B	Baylor College of Medicine
The role of neurexin IV in central nervous system development	\$100,466	Q2.Other	University of California, Los Angeles
Regulation of gene expression in ASD through a novel polycomb complex	\$100,855	Q3.S.J	New York University School of Medicine
Quantitative analysis of effect of autism-related genes on behavioral regulation	\$102,000	Q4.S.B	University of California, San Francisco
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$102,717	Q3.S.C	University of Southern California
Validity of a web-based indirect Skills Assessment	\$107,000	Q5.L.A	Center for Autism and Related Disorders (CARD)
Functional brain networks in autism and attention deficit hyperactivity disorder	\$112,359	Q1.L.B	Oregon Health & Science University
Whole Exome Sequencing of Simons Simplex Trios	\$114,106	Q3.L.B	Yale University
Identification of candidate serum antibody biomarkers for ASD	\$118,338	Q1.L.B	University of Texas Southwestern Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Cell type-specific profiling for autism spectrum disorders	\$120,000	Q4.S.B	Columbia University
Simons Simplex Collection Site	\$123,678	Q3.L.B	University of Michigan
CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$124,320	Q2.Other	Stanford University
Developmental neurogenetics in adolescents with autism	\$124,769	Q2.S.G	Yale University
Testing the use of helminth worm ova in treating autism spectrum disorders	\$124,802	Q4.L.A	Montefiore Medical Center
Probing synaptic receptor composition in mouse models of autism	\$124,998	Q2.S.D	Boston Children's Hospital
RNA dysregulation in autism	\$125,000	Q2.Other	The Rockefeller University
GABA(A) and prenatal immune events leading to autism	\$125,000	Q2.S.A	Stanford University
Multigenic basis for autism linked to 22q13 chromosomal region	\$125,000	Q2.S.D	Hunter College of the City University of New York (CUNY) jointly with Research Foundation of CUNY
Children with 7q11.23 duplication syndrome: shared characteristics with autism	\$125,000	Q2.S.G	University of Louisville
Understanding copy number variants associated with autism	\$125,000	Q4.S.B	Duke University Medical Center
Cerebellar signaling in mouse models of autism	\$125,000	Q4.S.B	Northwestern University
Synaptic pathophysiology of 16p11.2 model mice	\$125,000	Q4.S.B	Massachusetts Institute of Technology
Making the connection between autism, serotonin and hedgehog signaling	\$125,635	Q2.S.D	Medical Research Council-National Institute for Medical Research
Simons Variation in Individuals Project (VIP) Principal Investigator	\$126,453	Q2.S.G	Columbia University
MRI study of brain development in school age children with autism	\$127,479	Q2.L.A	University of North Carolina at Chapel Hill
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$128,314	Q1.S.B	University of North Carolina
Genomic profiling of autism families using whole-genome sequencing	\$129,600	Q3.L.B	Institut Pasteur
Fragile X syndrome target analysis and its contribution to autism	\$134,477	Q2.S.D	The Rockefeller University
Simons Variation in Individuals Project (VIP) Statistical Core Site	\$136,125	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Imaging Analysis Site	\$137,106	Q2.S.G	Harvard University
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$137,173	Q4.S.B	Mount Sinai School of Medicine
Autism spectrum disorder and autoimmune disease of mothers	\$137,219	Q3.S.E	The Feinstein Institute for Medical Research
Georgia Tech Non-Invasive Gaze Tracking Project	\$140,347	Q1.S.B	Georgia Tech Research Corporation

Project Title	Funding	Strategic Plan Objective	Institution
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$140,718	Q2.Other	University of Oxford
Efficacy of N-acetyl cysteine in autism	\$146,553	Q4.S.C	Deakin University
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$147,661	Q3.S.A	University of Alberta
TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	\$147,806	Q2.S.D	Case Western Reserve University
PsychoGenics Inc.	\$147,925	Q4.S.B	PsychoGenics Inc.
Biomarkers and diagnostics for ASD	\$149,600	Q1.S.A	Institute of Biotechnology
Novel approaches to enhance social cognition by stimulating central oxytocin release	\$149,852	Q4.S.B	Emory University
Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	\$149,881	Q2.S.D	King's College London
Near-infrared spectroscopy studies of early neural signatures of autism	\$149,917	Q2.L.B	Yale University
Investigating the etiology of childhood disintegrative disorder	\$149,953	Q2.S.F	Yale University
A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	\$149,958	Q2.S.D	Boston Children's Hospital
20-year outcome of autism	\$149,964	Q2.L.A	University of Utah
Effects of self-generated experiences on social cognitive development in young children with autism	\$149,967	Q4.S.F	Kennedy Krieger Institute
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities
PASS: Parent-mediated intervention for autism spectrum disorders (ASD) in South Asia	\$149,993	Q4.S.D	University of Liverpool
Early life environmental exposures and autism in an existing Swedish birth cohort	\$149,995	Q3.S.H	Drexel University
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	\$149,999	Q1.S.B	Georgia State University
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$149,999	Q3.S.E	Kaiser Foundation Research Institute
Genome-wide examination of DNA methylation in autism	\$149,999	Q3.S.J	Johns Hopkins University
Quality of life during midlife in adults with ASD	\$149,999	Q6.S.A	Waisman Center
The Brain Genomics Superstruct Project	\$150,000	Q2.L.B	Harvard University
Neurologin, oxidative stress and autism	\$150,000	Q2.Other	Oklahoma Medical Research Foundation
Investigation of a possible role of the protocahderin gene cluster in autism	\$150,000	Q2.Other	Columbia University

Project Title	Funding	Strategic Plan Objective	Institution
The mechanism of the maternal infection risk factor for autism	\$150,000	Q2.S.A	California Institute of Technology
Elucidation and rescue of amygdala abnormalities in the Fmr1 mutant mouse model of fragile X syndrome	\$150,000	Q2.S.D	George Washington University
Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	\$150,000	Q2.S.E	Vanderbilt University
Social processing, language, and executive functioning in twin pairs: Electrophysiological and behavioral endophenotypes	\$150,000	Q2.S.G	University of Washington
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$150,000	Q4.S.B	Duke University
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	\$150,000	Q4.S.C	University of California, Los Angeles
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$152,545	Q3.L.B	The Pennsylvania State University
Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	\$155,380	Q2.S.D	Stanford University
Role of cadherin-8 in the assembly of prefrontal cortical circuits	\$155,940	Q4.S.B	Mount Sinai School of Medicine
Using fruit flies to map the network of autism-associated genes	\$156,245	Q2.Other	University of California, San Diego
Proteome and interaction networks in autism	\$156,250	Q2.Other	Harvard Medical School
Functional analysis of EFR3A mutations associated with autism	\$156,250	Q2.Other	Yale University
Cerebellar plasticity and learning in a mouse model of autism	\$156,250	Q2.Other	University of Chicago
Deficits in tonic inhibition and the pathology of autism spectrum disorders	\$156,250	Q4.S.B	Tufts University
Effect of abnormal calcium influx on social behavior in autism	\$156,250	Q4.S.B	University of California, San Francisco
Studying the neural development of patient-derived stem cells	\$156,250	Q4.S.B	Johns Hopkins University School of Medicine
A study of autism	\$162,232	Q2.L.B	University of Pennsylvania
Investigation of social brain circuits in mouse models of the 16p11.2 locus	\$175,000	Q2.Other	Cold Spring Harbor Laboratory
Role of neurexin in the amygdala and associated fear memory	\$175,000	Q2.Other	Columbia University
Examining the Y-chromosome in autism spectrum disorder	\$175,000	Q3.L.B	The Hospital for Sick Children
Functional analysis of patient mutations in EPHB2, an ASD candidate gene- Project 1	\$177,512	Q2.Other	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$180,000	Q1.L.A	University of North Carolina at Chapel Hill
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$180,140	Q2.S.G	Emory University
Gestational exposure questionnaire validation and feasibility study	\$187,864	Q3.S.H	University of California, Davis
Characterization of infants and toddlers with the 16p copy-number variation	\$190,766	Q2.S.G	Boston Children's Hospital
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$196,051	Q3.L.D	Johns Hopkins University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q2.Other	Columbia University
Integrative genetic analysis of autistic brains	\$200,000	Q3.L.B	Johns Hopkins University School of Medicine
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	University of California, Davis
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	Stanford University
Early intervention professional development: Evidenced-based practices and program quality	\$200,000	Q5.L.A	University of North Carolina at Chapel Hill
Developing fNIRS as a brain function indicator in at-risk infants	\$205,199	Q1.L.A	Birkbeck College
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	\$217,322	Q2.S.G	The Children's Hospital of Philadelphia
Characterizing sleep disorders in autism spectrum disorder	\$225,081	Q2.S.E	Stanford University
Retrograde synaptic signaling by Neurexin and Neuroligin in C. elegans	\$250,000	Q2.Other	Massachusetts General Hospital
Corticothalamic circuit interactions in autism	\$250,000	Q2.Other	Boston Children's Hospital
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$250,080	Q4.S.D	University of Washington
Autism and the insula: Genomic and neural circuits	\$254,696	Q2.Other	California Institute of Technology
A functional genomic analysis of the cerebral cortex	\$256,413	Q2.Other	University of California, Los Angeles
Genomic hotspots of autism	\$261,033	Q3.L.B	University of Washington
Electrophysiological, metabolic and behavioral markers of infants at risk	\$273,152	Q1.L.A	Boston Children's Hospital
Growth charts of altered social engagement in infants with autism	\$273,481	Q1.L.A	Emory University
Autism and Developmental Disabilities Monitoring Network augmentation with screening and assessment	\$275,000	Q7.I	Medical University of South Carolina
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	\$294,937	Q4.S.B	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Alterations in brain-wide neuroanatomy in autism mouse models	\$300,000	Q2.Other	Cold Spring Harbor Laboratory
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$300,000	Q2.S.D	Columbia University
A genome-wide search for autism genes in the SSC Vanderbilt	\$300,000	Q3.L.B	Vanderbilt University Medical Center
Role of a novel Wnt pathway in autism spectrum disorders	\$300,000	Q4.S.B	University of California, San Francisco
Investigating the effects of chromosome 22q11.2 deletions	\$300,000	Q4.S.B	Columbia University
The role of glutamate receptor interacting proteins in autism	\$312,500	Q4.S.B	Johns Hopkins University School of Medicine
The role of UBE3A in autism	\$312,501	Q2.S.D	Harvard Medical School
Increasing ASD screening and referral among NYC's Korean Americans	\$320,320	Q5.L.A	University of Pennsylvania
Relating copy number variants to head and brain size in neuropsychiatric disorders	\$322,286	Q2.S.G	University of California, San Diego
Atypical architecture of prefrontal cortex in young children with autism	\$335,103	Q2.Other	University of California, San Diego
Defining cells and circuits affected in autism spectrum disorders	\$336,872	Q2.Other	The Rockefeller University
Finding recessive genes for autism spectrum disorders	\$349,999	Q3.L.B	Boston Children's Hospital
Genetically defined stem cell models of Rett and fragile X syndrome	\$350,000	Q2.S.D	Whitehead Institute for Biomedical Research
Whole-exome sequencing to identify causative genes for autism	\$350,000	Q3.L.B	University of California, San Diego
Small-molecule compounds for treating autism spectrum disorders	\$350,000	Q4.S.B	University of North Carolina at Chapel Hill
16p11.2: defining the gene(s) responsible	\$350,000	Q4.S.B	Cold Spring Harbor Laboratory
Dissecting the circuitry basis of autistic-like behaviors in mice	\$350,000	Q4.S.B	Massachusetts Institute of Technology
Canonical neural computation in autism spectrum disorders	\$365,741	Q2.Other	New York University
Rutgers, The State University of New Jersey	\$368,041	Q7.D	Rutgers, The State University of New Jersey
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$400,000	Q2.S.D	University of Texas Southwestern Medical Center
Behavioral and physiological consequences of disrupted Met signaling	\$400,000	Q4.S.B	University of Southern California
Annual SFARI Meeting	\$411,802	Q7.K	N/A
A genome-wide search for autism genes in the Simons Simplex Collection	\$415,782	Q3.L.B	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
Simons Simplex Community at the Interactive Autism Network (SSC@IAN)	\$417,500	Q7.C	Kennedy Krieger Institute
Bioinformatics support for AGRE	\$422,519	Q7.D	Autism Speaks (AS)
Brain-behavior growth charts of altered social engagement in ASD infants	\$431,189	Q1.L.A	Yale University
Mechanisms of synapse elimination by autism-linked genes	\$434,883	Q2.S.D	University of Texas Southwestern Medical Center
Mesocorticolimbic dopamine circuitry in mouse models of autism	\$436,362	Q2.S.D	Stanford University
Simons Variation in Individuals Project (VIP) Site	\$436,833	Q2.S.G	University of Washington
Mitochondria and the etiology of autism	\$437,500	Q3.L.B	The Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Site	\$466,763	Q2.S.G	Baylor College of Medicine
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$489,104	Q2.Other	University of North Carolina at Chapel Hill
Genomic influences on development and outcomes in infants at risk for autism	\$498,341	Q3.L.B	University of Alberta
RNA expression studies in autism spectrum disorders	\$500,000	Q1.L.A	Boston Children's Hospital
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	\$513,646	Q2.S.G	University of California, San Francisco
Autism Tissue Program (ATP)	\$560,220	Q7.D	Autism Speaks (AS)
SFARI Conferences, Workshops & Events	\$665,195	Q7.Other	N/A
Simons Variation in Individuals Project (Simons VIP)	\$706,044	Q2.S.G	Emory University
Illumina, Inc.	\$717,504	Q3.L.B	Illumina, Inc.
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$736,449	Q2.S.G	The Children's Hospital of Philadelphia
Function and dysfunction of neuroligins in synaptic circuits	\$750,000	Q2.Other	Stanford University
Autism Consortium	\$750,346	Q7.N	Autism Consortium
Simons Variation in Individuals Project (VIP) Site	\$768,296	Q2.S.G	Boston Children's Hospital
Mindspec, Inc.	\$924,100	Q7.Other	Mindspec, Inc.
Autism Genetic Resource Exchange (AGRE)	\$1,036,843	Q7.D	Autism Speaks (AS)
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$1,299,083	Q2.S.G	University of California, San Francisco
Physical and clinical infrastructure for research on infants at risk for autism	\$1,549,665	Q1.L.A	Emory University
Autism Treatment Network (ATN)	\$1,721,387	Q7.N	Autism Speaks (AS)
Whole exome sequencing of Simons Simplex Collection quads	\$1,835,440	Q3.L.B	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Whole exome sequencing of Simons Simplex Collection quads	\$2,110,073	Q3.L.B	Yale University
Prometheus Research, LLC	\$2,549,095	Q7.N	Prometheus Research, LLC
The Simons Center for Social Brain at MIT	\$6,000,000	Q7.K	Massachusetts Institute of Technology
Understanding the genetic basis of autism	\$6,557,422	Q3.L.B	Cold Spring Harbor Laboratory

